

Title (en)
Dust separating apparatus

Title (de)
Staubabscheide-Vorrichtung

Title (fr)
Appareil séparateur de poussière

Publication
EP 1743558 A3 20071017 (EN)

Application
EP 06290127 A 20060118

Priority
• US 69838805 P 20050712
• KR 20050072796 A 20050809

Abstract (en)
[origin: EP1743558A2] A dust separating apparatus (100) for a vacuum cleaner having a casing (110), a cyclone unit (120) formed in the casing to filter contaminants from drawn-in air and discharge air removed of the contaminants, and a dust collection part (130) arranged in parallel with the cyclone unit (120) in the casing to collect the contaminant separated from the air by the cyclone unit (120). The casing (110) is substantially semicircular to correspond to the mounting chamber (13) of the vacuum cleaner body (11). On a bottom surface of the cyclone unit, an air inlet (111) and an air outlet are formed. The air outlet is formed at one side of the air inlet (111).

IPC 8 full level
A47L 9/16 (2006.01)

CPC (source: EP)
A47L 9/1683 (2013.01); **A47L 9/1691** (2013.01)

Citation (search report)
• [XY] EP 1042981 A2 20001011 - ELECTROLUX AB [SE]
• [X] DE 10356156 A1 20041230 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• [X] EP 1371318 A2 20031217 - HITACHI HOME & LIFE SOLUTIONS [JP]
• [X] GB 2358347 A 20010725 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• [X] US 2002011052 A1 20020131 - OH JANG-KEUN [KR], et al
• [Y] WO 0187131 A1 20011122 - SEB SA [FR], et al
• [A] EP 1297774 A1 20030402 - GBD CORP [CA]

Cited by
EP2201875A3; AU2009227855B2; EP2842470A1; DE102013217211A1; EP2201875A2; US8062398B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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